AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A rubber composition which comprises, per 100 parts by mass of a polymer, 10 to 200 parts by mass of silica and 1 to 30 parts by mass of a silane compound having sulfur atom represented by average structural formula (I):

$$(R^1{\rm O})_{3-p}(R^2)_p{\rm Si}-R^3-{\rm S}_m-R^4-{\rm S}_m-R_3-{\rm Si}(R^2)_p({\rm O}R^1)_{3-p} \quad \cdots (I)$$

wherein R^1 and R^2 each represent a hydrocarbon group having 1 to 4 carbon atoms, R^3 represents a divalent hydrocarbon group having 1 to 15 carbon atoms, \mathbf{p} represents an integer of 0 to 2, \mathbf{m} represents a number of 1 to 2 or greater and smaller than 4, which may be an average of numbers, and R^4 represents a divalent functional group represented by one of following general formulae (II)(III) to (IV):

$$R^6 - S_x - R^7 \qquad \qquad \cdots \text{(III)}$$

$$R^8 \text{-} S_{\text{\tiny V}} \text{-} R^9 \text{-} \underline{S}_{\text{\tiny X}} \underline{S}_{\text{\tiny Z}} \text{-} R^{10} \qquad \cdots (\text{IV})$$

wherein \mathbb{R}^5 - \mathbb{R}^6 to \mathbb{R}^{10} represents a linear or branched divalent hydrocarbon group having 1 to 20 carbon atoms, a divalent aromatic group or a divalent organic group having a hetero atom which is not sulfur atom or oxygen atom, \mathbb{R}^5 - \mathbb{R}^6 to \mathbb{R}^{10} may represent a same group or different groups, and \mathbf{x} , \mathbf{y} and \mathbf{z} each represent a number of \mathbb{H}^2 or greater and smaller than 4, which may be an average of numbers.

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2. (original): A rubber composition according to Claim 1, wherein **m** represents 1 in

average structural formula (I) representing the silane compound having sulfur atom.

3. (original): A rubber composition according to Claim 1, wherein x, y and z each

represent a number of 2 or greater and 3 or smaller, which may be an average of numbers, in

general formulae (III) and (IV) representing the divalent functional group.

4. (original): A rubber composition according to Claim 1, wherein R⁴ represents a

divalent functional group represented by general formula (IV) in average structural formula (I)

representing the silane compound having sulfur atom.

5. (original): A rubber composition according to Claim 1, wherein, in average

structural formula (I) representing the silane compound having sulfur atom, R⁴ represents a

divalent functional group represented by general formula (IV) in which R⁸, R⁹ and R¹⁰ each

represent hexylene group.

6. (original): A rubber composition according to Claim 1, wherein a purity of the

silane compound having sulfur atom is 60% or greater at a time when the silane compound

having sulfur atom is mixed to form the rubber composition.

7. (previously presented): A rubber composition according to Claim 1, wherein, at

a time when the silane compound having sulfur atom is mixed to form the rubber composition, a

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content of silane compounds having sulfur atom and three or more silicon atoms in one molecule is 30% by mass or smaller of the rubber composition.

- 8. (previously presented): A rubber composition according to Claim 1, wherein a BET surface area of the silica is 40 to $350 \text{ m}^2/\text{g}$.
- 9. (previously presented): A rubber composition according to Claim 1, wherein the polymer is a diene-based rubber.
- 10. (previously presented): A tire which comprises a member comprising a rubber composition described in Claim 1.
 - 11. (original): A tire according to Claim 10, wherein the member is a tire tread.
- 12. (previously presented): A rubber composition according to Claim 2, wherein, at a time when the silane compound having sulfur atom is mixed to form the rubber composition, a content of silane compounds having sulfur atom and three or more silicon atoms in one molecule is 30% by mass or smaller of the rubber composition.
- 13. (new): A rubber composition which comprises, per 100 parts by mass of a polymer, 10 to 200 parts by mass of silica and 1 to 30 parts by mass of a silane compound having sulfur atom represented by average structural formula (I):

$$({\rm R^{1}O})_{3-p}({\rm R^{2}})_{p}{\rm Si-R^{3}-S_{m}-R^{4}-S_{m}-R_{3}-Si(R^{2})_{p}({\rm OR^{1}})_{3-p}} \quad \cdots ({\rm I})$$

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wherein R¹ and R² each represent a hydrocarbon group having 1 to 4 carbon atoms, R³ represents a divalent hydrocarbon group having 1 to 15 carbon atoms, **p** represents an integer of 0 to 2, **m** represents a number of 1 to 2, which may be an average of numbers, and R⁴ represents a divalent functional group represented by the following general formula (II):

$$S-R^5-S$$
 ... (II)

wherein R^5 represents a decylene group, phenylene group or methylphenylethylene group, R^5 may represent a same group or different groups, and \mathbf{x} , \mathbf{y} and \mathbf{z} each represent a number of 1 or greater and smaller than 4, which may be an average of numbers.

- 14. (new): A rubber composition according to Claim 13, wherein **m** represents 1 in average structural formula (I) representing the silane compound having sulfur atom.
- 15. (new): A rubber composition according to Claim 13, wherein a purity of the silane compound having sulfur atom is 60% or greater at a time when the silane compound having sulfur atom is mixed to form the rubber composition.
- 16. (new): A rubber composition according to Claim 13, wherein, at a time when the silane compound having sulfur atom is mixed to form the rubber composition, a content of silane compounds having sulfur atom and three or more silicon atoms in one molecule is 30% by mass or smaller of the rubber composition.
- 17. (new): A rubber composition according to Claim 13, wherein a BET surface area of the silica is 40 to 350 m^2/g .

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18. (new): A rubber composition according to Claim 13, wherein the polymer is a diene-

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based rubber.

19. (new): A tire which comprises a member comprising a rubber composition described

in Claim 13.

20. (new): A tire according to Claim 19, wherein the member is a tire tread.

21. (new): A rubber composition according to Claim 14, wherein, at a time when the

silane compound having sulfur atom is mixed to form the rubber composition, a content of silane

compounds having sulfur atom and three or more silicon atoms in one molecule is 30% by mass

or smaller of the rubber composition.

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